

FILE 'HOME' ENTERED AT 11:28:53 ON 12 JUN 2006

=> index all
FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

INDEX 'ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ALUMINIUM, ANABSTR, ANTE,
APOLLI, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS,
BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAOLD, CAPLUS, CASREACT, CBNB,
CEABA-VTB, CERAB, CHEMINFORMRX, CHEMSAFE, ...'
ENTERED AT 11:29:03 ON 12 JUN 2006

135 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (smn or (survival motor neuron) or smnt) AND (clon? or amplif? or pcr or
(polymerase (2a) chain))
1 FILE AEROSPACE
3 FILE AGRICOLA
9 FILES SEARCHED...
8 FILE BIOENG
133 FILE BIOSIS
20 FILE BIOTECHABS
16 FILES SEARCHED...
20 FILE BIOTECHDS
90 FILE BIOTECHNO
7 FILE CABA
157 FILE CAPLUS
23 FILES SEARCHED...
1 FILE CEABA-VTB
4 FILE COMPENDEX
2 FILE CONFSCI
34 FILES SEARCHED...
323 FILE DGENE
42 FILES SEARCHED...
8 FILE DISSABS
1 FILE DRUGU
1 FILE ELCOM
2 FILE EMBAL
144 FILE EMBASE
3 FILE ENERGY
70 FILE EPFULL
56 FILES SEARCHED...
69 FILE ESBIOBASE
1 FILE FRANCEPAT
21 FILE FRFULL
12 FILE GBFULL
403 FILE GENBANK
65 FILES SEARCHED...
31 FILE IFIPAT
2 FILE INIS
3 FILE INPADOC
5 FILE INSPEC
2 FILE INSPHYS
2 FILE INVESTEXT
2 FILE JAPIO
80 FILES SEARCHED...
7 FILE JICST-EPLUS
27 FILE LIFESCI

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213  FILE MEDLINE
    2  FILE NLDB
    59  FILE PASCAL
96 FILES SEARCHED...
    10  FILE PATDPAFULL
   180  FILE PCTFULL
     1  FILE PHIN
     5  FILE PROMT
     1  FILE RDISCLOSURE
110 FILES SEARCHED...
  146  FILE SCISEARCH
     1  FILE SOLIDSTATE
    56  FILE TOXCENTER
  193  FILE USPATFULL
    18  FILE USPAT2
128 FILES SEARCHED...
    19  FILE WPIDS
    19  FILE WPINDEX
133 FILES SEARCHED...

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49 FILES HAVE ONE OR MORE ANSWERS, 135 FILES SEARCHED IN STNINDEX

L1 QUE (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPLIF? OR PCR
OR (POLYMERASE (2A) CHAIN))

=> file medline caplus biossi
'BIOSSI' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE) :biossi

'BIOSSI' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE) :biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.88	5.09

FILE 'MEDLINE' ENTERED AT 11:33:34 ON 12 JUN 2006

FILE 'CAPLUS' ENTERED AT 11:33:34 ON 12 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 11:33:34 ON 12 JUN 2006
Copyright (c) 2006 The Thomson Corporation

=> s (smn or' (survival motor neuron) or smnt) AND (clon? or amplif? or pcr or
(polymerase (2a) chain))
L2 503 (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPLIF?
OR PCR OR (POLYMERASE (2A) CHAIN))

=> dup remove 12
PROCESSING COMPLETED FOR L2
L3 327 DUP REMOVE L2 (176 DUPLICATES REMOVED)

=> s l3 and (bac? or insect)
L4 39 L3 AND (BAC? OR INSECT)

=> s l3 and ((reverse (2a) transcri?) (p) (pcr or (polymerase (a) chain) or
amplif?))

L5 58 L3 AND ((REVERSE (2A) TRANSCRI?) (P) (PCR OR (POLYMERASE (A)
CHAIN) OR AMPLIF?))

=> s 15 and 14

L6 10 L5 AND L4

=> dup remove 16

PROCESSING COMPLETED FOR L6

L7 10 DUP REMOVE L6 (0 DUPLICATES REMOVED)

=> d ti 1-10

L7 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods for RT-PCR-based cloning of human SMN
gene associated with spinal muscular atrophy for use in diagnosis and
therapy

L7 ANSWER 2 OF 10 MEDLINE on STN

TI SMN mRNA and protein levels in peripheral blood: biomarkers for
SMA clinical trials.

L7 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI RT-PCR-based cloning of human SMN, the SMA
determining gene, and the construction of its expression plasmids

L7 ANSWER 4 OF 10 MEDLINE on STN

TI A clinical, magnetic resonance imaging, and survival
motor neuron gene deletion study of Hirayama disease.

L7 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Gene expression profiles and biomarkers for the detection of Chagas
disease and other disease-related gene transcripts in blood

L7 ANSWER 6 OF 10 MEDLINE on STN

TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.

L7 ANSWER 7 OF 10 MEDLINE on STN

TI Premature termination mutations in exon 3 of the SMN1 gene are associated
with exon skipping and a relatively mild SMA phenotype.

L7 ANSWER 8 OF 10 MEDLINE on STN

TI The human centromeric survival motor neuron
gene (SMN2) rescues embryonic lethality in Smn(-/-) mice and
results in a mouse with spinal muscular atrophy.

L7 ANSWER 9 OF 10 MEDLINE on STN

TI A mouse model for spinal muscular atrophy.

L7 ANSWER 10 OF 10 MEDLINE on STN

TI Quantitative analysis of survival motor neuron
copies: identification of subtle SMN1 mutations in patients with spinal
muscular atrophy, genotype-phenotype correlation, and implications for
genetic counseling.

=> d bib kwic 10

L7 ANSWER 10 OF 10 MEDLINE on STN

AN 1999223427 MEDLINE

DN PubMed ID: 10205265

TI Quantitative analysis of survival motor neuron
copies: identification of subtle SMN1 mutations in patients with spinal
muscular atrophy, genotype-phenotype correlation, and implications for
genetic counseling.

AU Wirth B; Herz M; Wetter A; Moskau S; Hahnen E; Rudnik-Schoneborn S;
Wienker T; Zerres K
CS Institute of Human Genetics, Wilhelmstrasse 31, D-53111 Bonn, Germany..
bwirth@uni-bonn.de
SO American journal of human genetics, (1999 May) Vol. 64, No. 5, pp.
1340-56.
Journal code: 0370475. ISSN: 0002-9297.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-U80017
EM 199905
ED Entered STN: 1 Jun 1999
Last Updated on STN: 19 Sep 2002
Entered Medline: 20 May 1999
TI Quantitative analysis of survival motor neuron
copies: identification of subtle SMN1 mutations in patients with spinal
muscular atrophy, genotype-phenotype correlation, and implications for
genetic counseling.
AB . . . atrophy (SMA) who do not show the most common mutation:
homozygous absence of at least exon 7 of the telomeric survival
motor neuron gene (SMN1). Here we present molecular
genetic data for 42 independent nondeleted SMA patients. A nonradioactive
quantitative PCR test showed one SMN1 copy in 19 patients (45%).
By sequencing cloned reverse-transcription
(RT) PCR products or genomic fragments of SMN1, we identified
nine different mutations in 18 of the 19 patients, six described for . .
. in 6 (33%) of 18 patients. Each intragenic mutation found in at least
two patients occurred on the same haplotype background,
indicating founder mutations. Genotype-phenotype correlation allowed
inference of the effect of each mutation on the function of the SMN1
protein. . .
CT . . .
Genetic Counseling
Genotype
Heterozygote Detection
Humans
Molecular Sequence Data
*Muscular Atrophy, Spinal: GE, genetics
*Nerve Tissue Proteins: GE, genetics
Phenotype
Polymerase Chain Reaction
RNA-Binding Proteins
Research Support, Non-U.S. Gov't
CN 0 (Cyclic AMP Response Element-Binding Protein); 0 (Nerve Tissue
Proteins); 0 (RNA-Binding Proteins); 0 (SMN protein (spinal
muscular atrophy))

=> d his

(FILE 'HOME' ENTERED AT 11:28:53 ON 12 JUN 2006)

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ON 12 JUN 2006

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L1 QUE (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPL

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 11:33:34 ON 12 JUN 2006

L2 503 S (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPLIF
L3 327 DUP REMOVE L2 (176 DUPLICATES REMOVED)
L4 39 S L3 AND (BAC? OR INSECT)
L5 58 S L3 AND ((REVERSE (2A) TRANSCRI?) (P) (PCR OR (POLYMERASE (A)
L6 10 S L5 AND L4
L7 10 DUP REMOVE L6 (0 DUPLICATES REMOVED)

=> s l3 and bac?
L8 37 L3 AND BAC?

=> s l3 and (baculovirus)
L9 2 L3 AND (BACULOVIRUS)

=> d ti 1-2

L9 ANSWER 1 OF 2 MEDLINE on STN

TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods for RT-PCR-based cloning of human SMN
gene associated with spinal muscular atrophy for use in diagnosis and
therapy

=> d bib 1

L9 ANSWER 1 OF 2 MEDLINE on STN
AN 2003040487 MEDLINE
DN PubMed ID: 12547647
TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.
AU Shin Song-Woo; Lee Min-Young; Kwon Gee-Youn; Park Jong-Wook; Yoo Min; Kim
Soo-Kyung; Oh Tae-Hwan; Choe Byung-Kil
CS College of Medicine, Institute for Medical Science, Kosin University, 34
Ammadong, Seo-Gu, Busan 602-702, South Korea.
SO Neurochemistry international, (2003 May) Vol. 42, No. 6, pp. 481-91.
Journal code: 8006959. ISSN: 0197-0186.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF361881
EM 200305
ED Entered STN: 28 Jan 2003
Last Updated on STN: 9 May 2003
Entered Medline: 8 May 2003

=> d kwic 1

L9 ANSWER 1 OF 2 MEDLINE on STN
TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.
AB . . . motor neuron loss and progressive paralysis with muscular
atrophy. Although SMA is now known to be caused by deletions of
survival motor neuron (SMN), the
fact that NAIP is an anti-apoptotic protein is consistent with the NAIP
gene modifying SMA severity. Here we report the cloning of a
1.5 kb rat NAIP cDNA fragment which contains BIR-3 (third
baculovirus inhibitory repeat) domain. This fragment shows 78%
homology to the human NAIP and 86% homology to the murine counterpart. We
have investigated the distribution of NAIP mRNA expressing neurons by in
situ RT-PCR technique in the rat central nervous system (CNS).
Although all of the neurons appeared to express NAIP mRNA ubiquitously,
pronounced. . .
CT Amino Acid Sequence
Animals
Base Sequence
Central Nervous System: ME, metabolism
Cloning, Molecular
DNA, Complementary
Immune Sera
Immunohistochemistry
Molecular Sequence Data
Nerve Tissue Proteins: CH, chemistry
*Nerve Tissue Proteins: GE, genetics
. . Proteins: IM, immunology
Neuronal Apoptosis-Inhibitory Protein
*Neurons: ME, metabolism
RNA, Messenger: GE, genetics